

ABSTRACT OF THE DISCLOSURE

A spindle motor comprises a baseplate, a shaft supported by said baseplate, a stator assembly having windings, the stator being rigidly attached to said baseplate, injection molded thermoplastic material encapsulating said windings, and a hub supported on said shaft, said hub having a magnet connected thereto in operable proximity to the stator assembly. In one embodiment, the stator is cordless. In other embodiments, the stator has a core and the core is substantially encapsulated by the thermoplastic material. In preferred embodiments, the thermoplastic material secures the stator to the baseplate or forms the baseplate.

5
10